

## Claims

1. A SIM card to be inserted in a terminal of a communications network which SIM card comprises means for storing data used in the identification of at least two users and means for carrying out user identification using said data.
- 5 2. A SIM card according to claim 1 wherein the SIM card further comprises means for storing data used in a shared manner by all users of said terminal.
3. A SIM card according to claim 1 wherein said data required in the identification of a user comprise at least one user-specific identification code.
- 10 4. A SIM card according to claim 3 wherein said data required in the identification of a user comprise at least one of the following codes: user-specific PIN code, user-specific PUK code.
5. A SIM card according to claim 3 wherein said data required in the identification of a user further comprise at least one user-specific password.
- 15 6. A SIM card according to claim 3 wherein said data required in the identification of a user further comprise at least one user-specific ITSI code.
7. A SIM card according to claim 1 wherein the SIM card further comprises at least one encryption key used in user-specific authentication.
8. A SIM card according to claim 1 wherein the SIM card further comprises user-specific encryption keys used to encrypt the connection.
- 20 9. A SIM card according to claim 1 wherein the SIM card further comprises other user-specific data needed in the operation of the terminal.
10. A SIM card according to the preceding claims wherein said SIM card is arranged so as to be used in a terminal of a network used especially by the authorities.
- 25 11. A terminal of a cellular network, arranged so as to perform user identification when the terminal is activated, where the means for identifying the user comprises a SIM card adapted so as to identify at least two users entitled to use the terminal on the basis of at least one user-specific identification code.
- 30 12. A terminal according to claim 11 wherein the terminal is arranged so as to be used in a network used especially by the authorities.

13. A terminal according to claim 12 wherein the network used especially by the authorities is a cellular TETRA network.

14. A method for identifying an individual user of a terminal in a communications network, where the user of the terminal is identified on the basis of a personal identification code, wherein the user identification is carried out by matching the  
5 identification code given by the user against identification codes stored on the SIM card for different users, and if the identification code given by the user of the terminal is among the said identification codes, the activation of the terminal is allowed.

10 15. A method according to claim 14 wherein said identification code which entitles the user to use the terminal, is a personal PIN code.

16. A method according to claim 14 wherein the method further comprises a step in which the user of the terminal is requested for a second additional identifier/password for activating the terminal.

15 17. A method according to claims 14 to 16 wherein if the person trying to activate the terminal enters more than a predetermined number of times a wrong code as a response to the said code requests, the user must enter a personal PUK code before user identification can be continued.